

ABSTRACT

A method for storing digital information from an image sensor comprises the steps of providing an image sensor producing three-color output data at each of a plurality of pixel locations; providing a digital storage device coupled to the image sensor; sensing
5 three-color digital output data from the image sensor; and storing said three-color output data as digital data in the digital storage device without performing any interpolation on the three-color output data. The data may be compressed prior to storage and expanded after retrieval from storage. In a preferred embodiment, the image sensor comprises a triple-junction active pixel sensor array.